Sheet <u>1</u> of <u>9</u>

AUG 1 8 2006 PARADEMARK

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

NFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

ATTY. DOCKET NO. APPLICATION NO. 890050.443 10/684,981

APPLICANTS

Hiroyasu Inoue et al.

FILING DATE GROUP ART UNIT

October 14, 2003 1756

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	AA	3,959,799	05/28/176	Gambino et al.	346	135	
w	AB	4,357,616	11/0 2 /82	Terao et al.	346	135.1	
w	AC	4,477,819	10/1/6/84	Lee et al.	346	76 L	
u	ΑD	4,587,533	05/96/86	Nakane et al.	346	135.1	
u	AE	4,647,947	03/93/87	Takeoka	346	135.1	
w	ĄF	4,670,345	06/92/87	Morimoto	428	411.1	
m	AG	4,771,413	09/1/3/88	Nago	369	109	
U	ΑН	4,772,897	09/20/88	Ohkawa	346	135.1	
w	Al	5,185,733	02/98/93	Finkelstein et al.	369	54	
w	ΑJ	5,194,363	03/16/93	Yoshioka et al.	430	271	

FOREIGN PATENT DOCUMENTS

ļ	i	DOCUMENT	DATE	COUNTRY	TRANS	LATION
	ļ	NUMBER		COUNTY	YES	NO
m	AK	57-022095	02/94/82	JP (Abstract in English only)		
m	AL	57-027788	02/1/5/82	JP (+ Abstract in English)		
n	AM	58-220794	12/22/83	JP (+ Abstract in English)		
w	Ž,	59-225992	12/19/84	JP (+ Abstract in English)		
w	AQ	60-160036	08/21/85	JP (+ Abstract in English)		
w	ΑP	0 068 801 B1	09/10/86	EP		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

M AQ	Inoue, H., et al., "Inorganic Write-Once Disc for High Speed Recording," Jpn. J. Appl. Phys.
	Vol. 42, part 1, no. 2B, pp. 1059-1061, February 2003.
lu AR	Kikukawa, T., et al., "Rigid Bubble Pit Formation and Huge Signal Enhancement in Super-
02	Resolution Near-Field Structure Disk with Platinum-oxide Layer," Applied Physics Letters
	81(25):469 7- 4699,

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DATE CONSIDERED

12/27/18

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Sheet <u>2</u> of <u>9</u>

		U.S. DEPARTMENT OF PATENT AND TRADEM			ATTY. DOCKET NO. 890050.443		APPLICATION NO.			
					APPLICANTS		10/684,981	· · · · · · · · · · · · · · · · · · ·		
	INFO	RMATION DISCLOSUR		٢	Hiroyasu Inoue et al.					
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			II.S	. PATENT I	DOCUMENTS		1730	<u> </u>		
*EXAMINER INITIAL	/	DOCUMENT NUMBER	DATE		NAME	CLA	SS SUBCLASS		G DATE	
W	BA	5,208,088	05/04/93	Tominaga	et al.	428	64	IF APPR	OPRIATE	
w	вв	5,297,132	03/22/94	Takano et	al.	369	284	1		
4	вс	5,325,351	06/28/94	Uchiyama	et al.	369	275.1			
W	BD	5,401,330	03/2/8/95	Saito et al		136	259			
W	BE	5,414,451	05/08/95	Sugiyama	et al.	347	258			
hu	BF	5,458,941	10/1/1/95	Hintz		428	64.4			
w	BG	5,511,057	04/23/96	Holtslag e	t al.	369	94			
qu.	вн	5,583,643	12/18/96	Gass et al.		356	445	ļ		
w	ві	5,656,370	08/1/2/197	Murakami	Murakami et al. 428 332					
W	W BJ 5,818,808 10/96/98 Takada et al.						116			
			FOREI	GN PATEN	T DOCUMENTS			٠		
		DOCUMENT NUMBER	DATE		COUNTRY			TRANS	LATION NO	
W	вк	62-16193	01/24/87	JP (+ Abst	ract in English)					
w	BL	62-28941	02/06/87	JP (+ Abst	ract in English)					
n	вм	62-204442	09/99/87	JP (+Engli	sh Abstract only)	Ž				
m	BN	62-245545	10/26/87	JP (+ Abst	ract in English)					
m	во	37 41 910 A1	06/2/3/88	DE (+ Abs	stract in English)					
		ОТНЕ	R PRIOR A	RT (Including)	Author, Title, Date, Pertinent Pa	ges, Eic.)				
(4.4. /	ВР	Kim, J., et al.	, "50nm Sig	nal Writing	and Retrieve by PtOx	Туре	S-RENS Disk	in Blu	ε	
m		Laser Optical	System," E	xtended Ab	stracts, 63rd Meeting	he Jar	oan Society of	Applie	d	
		Physics, Abst	ract No. 27a	1-YD-4, p. 1	005, September 2002	•				
n	вQ				al Characteristics of S	_				
EXAMINE	System," Technical Digest of Optical Data Storage Topical Meeting, pp. 273-275, 2004.									
LAAMINE	IX.	al C			DATE CONSIDERED	12	1/27/4			
* EXAMINE		nitial if reference considere	ed, whether or not	criteria is in conf	formance with MPEP 609. Draw th next communication to applic	line thro	ugh citation if not in			
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		U.S. DEPARTMENT OF PATENT AND TRADEM			ATTY. DOCKET NO. 890050.443			ICATION NO. 84,981		
	INFO	RMATION DISCLOSUI	RE STATEMEN	r	APPLICANTS Hiroyasu Inoue et al.					
	11110	(Use several sheets if ne		•	FILING DATE		GROU	JP ART UNIT		
					October 14, 2003		1756	5		
*EXAMINER			U.S	. PATENT I	DOCUMENTS					
INITIAL		DOCUMENT NUMBER	DATE		NAME	CLAS	SS	SUBCLASS		DATE OPRIATE
w	CA	5,875,169	02/23/99	Hatwar		369		272		
m	СВ	5,912,104	06/1/5/99	Hirotsune	et al.	430		270.13		
	cc	5,948,496	09/9/1/99	Kinoshita	et al.	428		64.1		
w	CD	5,949,747	09/07/199	Miyashita	et al.	369		54		
w	CE	5,958,649	09/2/8/99	Hirotsune	et al.	430		270.13		·
w	CF	6,033,752	03/97/100	Suzuki et	al.	428		64.1		
w	ÇG	6,096,399	08/01/00	Yoshinari	et al.	428		64.1		
m	СН	6,111,851	08/25/00	Ohki et al.		369		286		
an	,CI	6,143,469	11/0 7 //00	Ohta et al.		430		270.13		
ne	CJ 6,187,406 02/18/01 Ichihara et al.					428		64.1		
			FORE	GN PATEN	T DOCUMENTS					
		DOCUMENT NUMBER	DATE		COUNTRY				TRANSI	ATION
ar	СК	63-299984	12/0/1/88	JP (+ Abst	ract in English)	·				
m	CL	01-158633	06/21/89	JP (+ Abst	ract in English)					
in	ĆМ	1-270528	10/27/89	JP (+ Abst	ract in English)					
u	CN	2-152029	06/12/90	JP (+ Abst	ract in English)					
m	co	3-49054	03/01/91	JP (+ Abst	ract in English)		,			
h	СР	0 474 311 A1	03/1/92	EP						
u	cq	4-86283	03/1/8/92	JP (+ Abst	ract in English)					
		OTHE	R PRIOR A	RT (Including A	luthor, Title, Date, Pertinent Pag	ges, Etc.)			•	
m	CR	Kim, J., et al.	, "Signal Ch	aracteristics	s of Super-RENS Disk	at Blu		•	-	
					nposium on Optical M					
n_	cs				Elliptical Bubble Form				AglnS	bTe
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		U.S. DEPARTMENT OF PATENT AND TRADEM			ATTY. DOCKET NO. 890050.443			CATION NO. 84,981	<u> </u>	<u>+ 01 9</u>
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			U.S	. PATENT	DOCUMENTS					
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLA	ss	SUBCLASS		O DATE
he	DA	6,210,860	04/08/01	Fukano et	al.	430		270.12		
w	DB	6,221,455	04/24/01	Yasuda et	al	428		64.1		•
N	DC	6,231,945	05/1/5/01	Miyamoto	et al.	428		64.1		
W	DD	6,254,966	07/93/01	Kondo		428		156		
M	DE	6,266,299	07/24/01	Oshima et	al.	369		13		
1/w	DF	6,278,680	08/2/1/01	Miyauchi	et al.	369		112.01		
m	DG	6,355,326	03/12/02	Lee et al.		428		64.1		
W	DH	6,404,712	06/11/02	Lee et al.		369		47.53		·
n	DI	6,404,713	06/1/1/02	Ueki		369		47.53		
		•	FOREI	GN PATEN	T DOCUMENTS					
								TRANSI	LATION NO	
m	DJ	4-226785	08/1/192	JP (+ Abst	ract in English)					
m	DK	4-298389	10/2/2192	JP (+ Abst	ract in English)	- 				
w	DL	0 350 078 B1	03/99/94	EP						
asy	DM	6-171236	06/21/94	JP (+ Abst	ract in English)				·	
m	DN	6-243507	09/02/94	JP (+ Abst	ract in English)					
m	DO	6-262854	09/2/0/94	JP (+ Abst	ract in English)					
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,, ,	DP			· · · · · · · · · · · · · · · · · · ·	Dual-Layer Phase-Cha		ptica	l Disk Wi	ith A	
M					Technical Digest, Inter					tical
					Taiwan, October 16-19					
m	DQ				ole Formation on Cr/A					
EXAMINE		by Laser Bear	1 Irradiation		f Applied Physics 55() DATE CONSIDERED	1):223	<u>-229,</u>	January 1	, 1984	<u>:</u>
		w/			DATE CONSIDERED	12	タラ	102		ľ
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		U.S. DEPARTMENT OF PATENT AND TRADEM			ATTY. DOCKET NO. 890050.443	·	l	ICATION NO. 584,981		<u> </u>
	INFO	RMATION DISCLOSUI	DE CTATEMENI	-	APPLICANTS Hiroyasu Inoue et al.			·		
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INITIAL	_	DOCUMENT NUMBER	DATE	,	NAME	CLA	ss	SUBCLASS		O DATE OPRIATE
00	EA	6,416,837	07/09/02	Kojima et	al.	428		64.1		
w	EB	6,511,788	01/2/8/03	Yasuda et	al.	430		270.13		
lu	EC	6,551,679	04/22/03	Kuroda et	al.	428		64.1		
W	ED	6,608,799	08/1/9/03	Hozumi		369		13.26		
m	EE	6,611,481	08/26/03	Koishi et a	al.	369		47.53		
W	EF	6,636,477	10/21/03	Miyamoto	et al.	369		286		
w	EG	6,656,559	12/92/03	Mizushim	a et al.	428		64.1		
w	ЕН	6,660,451	12/99/03	Sakaue et	al.	430		270.13		_
m	EI	6,670,014	12/3/0/03	Nishihara	et al.	428		64.1		
ar	EJ	6,788,635	09/9/1/04	04 Aratani et al. 369 100						
			FOREI	GN PATEN	T DOCUMENTS					
		DOCUMENT NUMBER	DATE		COUNTRY				TRANS	LATION NO
ar	EK	6-274922	09/36/94	JP (+ Abst	ract in English)	,				
he	EL	7-235465	09/95/95	JP (+ Abst	ract in English)					
U	ЕМ	8-124165	05/17/96	JP (+ Abst	ract in English)					
m	EN	9-7176	01/1/0/97	JP (+ Abst	ract in English)					
an	EO	0 822 543 A1	02/94/98	EP	-				-	
m	EP	10-76755	03/24/98	JP (+ Abst	ract in English)					
m	EQ	10-134919	05/22/98	JP						
m	ER	0 978 831 A2	02/99/00	EP		·				
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Sheet 6 of 9

		U.S. DEPARTMENT OF PATENT AND TRADEM			ATTY. DOCKET NO. 890050.443		APPLICATION N 10/684,981	10.	<u></u>
		•			APPLICANTS		10/004,701		·
	INFO	RMATION DISCLOSU		r	Hiroyasu Inoue et al.		, <u>-</u>		
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			<u> </u>		October 14, 2003		1756		
*EXAMINER		<u></u>	T	. PATENT I	DOCUMENTS	 			
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m	FA	6,791,926	09/1/4/04	Furumiya	et al.	369	53.13		
11.	FB	6,805,935	10/19/04	Ashida et	al.	428	64.1		
	FC	6,807,142	10/1/9/04	Nagata et	al.	369	275.2		
w	FD	6,841,218	01/1/1/05	Hosoda et	al.	428	64.1		
W	FE	6,929,840	08/1/6/05	Hosoda et	al.	428	64.1		
w	FF	6,982,111	01/03/06	Mizushim	a et al.	428	64.1		
w	FG	6,996,055	02107/06	Mishima e	et al.	369	283		
w	FH	7,002,887	021/21/06	Kakiuchi e	et al.	369	59.12		
w	FI	7,018,694	03/2/8/06	Hosoda et	al.	64.1			
u	4 FJ 2001/0012257 08/09/01 Suzuki et al. 369 94								
			FOREI	GN PATEN	T DOCUMENTS				
1		DOCUMENT NUMBER	DATE		COUNTRY			TRAN	SLATION
m	FK	2000-187842	07/94/00	JP (+ Abst	ract in English)				
n	FL	2000-187884	07/94/00	JP (+ Abst	ract in English)				
m	FM	2000-222764	08/1/00	JP (+ Abst	ract in English)				
m	FN	1 028 421 A2	08/1/6/00	EP		· ·	,		
he	FO	2000-285509	10/1/2/00	JP (+ Abst	ract in English)	· ·			
m	FP	2000-297365	10/24/00	JP (+ Abst	ract in English)				
m	FQ	2001-155380	06/98/01	JP (+ Abst	ract in English)		· .		
a	FR	2001-222819	08/1/01	JP (+ Abst	ract in English)				
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		U.S. DEPARTMENT OF (PATENT AND TRADEMA					ATTY. DOCKET NO. 890050.443			ICATION NO. 584,981		<u>/_ 01 _Z</u>
	INFO	RMATION DISCLOSUR	г ст	`ATEMENT			APPLICANTS Hiroyasu Inoue et al.					
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*EXAMINER INITIAL	ļ ·	DOCUMENT NUMBER		DATE			NAME	CLA	SS	SUBCLASS		DATE OPRIATE
-/-	GA	2001/0017833	08	/3/0/01	Yamada	a e	t al.	369		59.11		
qu	GB	2001/0044002	11	/2 /2 /01	Shingai	et	al.	428		64.4		
w	GC	2001/0044073	11	/2/2/01 Fukano et a			al.	430		270.12		
m	GD	2002/0060979	05	5/25/02 Tsukuda et			et al.	369		275.4		
u	GE	2002/0076646	06	/2/0/02	Zhou et	al	•	430		270.13		
u	GF	2003/0081523	05	/9/1/03	Miyaga	wa	et al.	369		59.11		
in	GG	2003/0086359	05	198/03	Lee et a	1.		369		275.3		
u	GН	2003/0165111	09	/94/03	Flynn			369		288		
u	GI 2003/0224215 12/04/03 Kondo e				et a	al.	429		694 ML			
				FOREI	GN PATI	EN	T DOCUMENTS					
		DOCUMENT NUMBER	١	DATE			COUNTRY				TRANS	LATION
W	GJ	2001-243655		09/9/1/0	1 JP (-	+ /	Abstract in English)					
m	GK	1 154 413 A2		11/ J 4/0	1 EP			•				
n	GL	2001-322357		11/2/0/0	1 JP (-	+ /	Abstract in English)				_	
w	GM	WO 01/93256 A	.1	12/96/0	1 WIP	О					•	
w	GN	2001-344823		12/1/4/0	1 JP (-	+ /	Abstract in English)	·				
W	GO	1330368 A		01/9\$/0	2 CN							
u	GP	1 172 811 A2		01/1/6/0	2 EP							
M	GQ	1 178 472 A2		02/9/6/0	2 EP							
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		U.S. DEPARTMENT OF PATENT AND TRADEM			ATTY. DOCKET NO. 890050.443		APPLICATION NO. 10/684,981		
					APPLICANTS		10.001,501	<u></u>	
	INFO	RMATION DISCLOSUI (Use several sheets if no		r	Hiroyasu Inoue et al.		GROUP ART UNIT		
					October 14, 2003	- 1	1756		
			U.S	. PATENT I	DOCUMENTS				
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLAS	S SUBCLASS		G DATE OPRIATE
W	НА	2003/0228539	12/1/03	Hosoda et	al.	430	270.13		
u	нв	2004/0001418	01/01/04	Shinotsuk	a et al.	369	111		
and the	нс	2004/0018334	01/29/04	Nee		428	64.1		
W	HD	2004/0076907	04/22/04	Inoue et al	•	430	270.12		
an	нЕ	2004/0241581	12/02/04	Kakiuchi e	et al.	430	270.12	•	
-un	HF	2005/0018590	01/27/05	Inoue et al	•	369	275.2		
w	НG	2005/0018591	01/27/05	Inoue et al		369	275.2		
m	нн	2005/0018592	01/2/1/05	Inoue et al	•	369	275.2		
w	ні	2005/0047301	03/9/3/05	Inoue et al	•	369	94		
u	нл	2005/0047302	03/93/05	Inoue et al	•	369	94		
			FORE	GN PATEN	T DOCUMENTS				
		DOCUMENT NUMBER	DATE		COUNTRY		}	TRANSI	LATION NO
W	нк	2002-104317	04/10/02	JP (+ Abst	ract in English)	•			
M	HL	2002-120458	04/2/3/02	JP (+ Abst	ract in English)				
w	НМ	1 215 669 A2	06/1/9/02	EP					
n	HN	1365108 A	08/21/02	CN (+ Abs	tract in English)				
m	но	2002-269808	09/26/02	JP (+ Abst	ract in English)				
an	НР	0 947 351 B1	09/25/02	EP					
. ne	НQ	2002-329348	11/1/5/02	JP (+ Abst	ract in English)				
w	HR	2003-13201	01/18/03	JP (+ Abstr	ract in English)				
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M	IA	2005/0047303	03/93/05	Inoue et a	l.	369	94			
w	ІВ	2005/0047304	03/03/05	Inoue et al	noue et al. 369 94					
ne	ıc	2005/0047305	03/03/05	Inoue et al	Inoue et al. 369 94					
Me	ID	2005/0048249	03/03/05	Inoue et al	l	428	64.4			
u	IE	2005/0052194	03/1/0/05	Kister et a	1.	324	755			
M	IF	2005/0074306	04/0/1/05	Montresor		409	179			
les	IG	2005/0243676	11/93/05	Kato et al.		369	59.11			
FOREIGN PATENT DOCUMENTS										
		DOCUMENT NUMBER	DATE		COUNTRY			TRANS	LATION	
w	īН	2003-54135	02/26/03	JP (+ Abst	P (+ Abstract in English)					
w	11	2003-85778	03/2/0/03	JP (+ Abst	ract in English)					
ur	נו	2003-178448	06/2/1/03	JP (+ Abst	ract in English)					
ur	IK	2003-260874	09/1/6/03	JP (+ Abst	ract in English)					
u	IL	1 351 230 A2	10/98/03	EP						
n	IM	2003-326848	11/19/03	JP (+ Abst	ract in English)					
m	IN	2004-20822	01/22/04	JP (+ Abst	ract in English)					
a	Ю	2004-30891	01/2/9/04	JP (+ Abst	ract in English)	· - · · ·				
n	ΙP	2004-39177	02/95/04	JP (+ Abst	ract in English)					
an	IQ	2004-87073	03/1/8/04	JP (+ Abst	ract in English)			_		
m	IR	2004-111004	04/98/04	JP (+ Abst	ract in English)					
ne	IS 2004-158134 06/93/04 JP (+ Abstract in English)									
IT 1 139 340 B1 / 06/16/04 EP										
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* EXAMINE		nitial if reference consider onformance and not consi	ed, whether or not dered. Include con	criteria is in conf	ormance with MPEP 609. Draw th next communication to applica	line through	gh citation if not in			
823516_1.DOC		. /			,			Date:	08/18/06	